

AP1000DCDFileNPEm Resource

From: Loza, Paul G. [lozapg@westinghouse.com]
Sent: Thursday, May 07, 2009 3:18 PM
To: Perry Buckberg
Cc: Rhonda Butler; Christopher Proctor
Subject: FW: New RAI - RAI-SRP 9.5.1-SFPB-01

Perry,

I acknowledge receipt for Westinghouse of RAI-SRP9.5.1-SFPB-01. The proposed response date is within 45 days of today.

Thanks,

Paul

From: Perry Buckberg [mailto:Perry.Buckberg@nrc.gov]
Sent: Wednesday, April 29, 2009 3:27 PM
To: Loza, Paul G.
Cc: David Jaffe; Eileen McKenna; Sisk, Robert B.; Pfister, Andrew F.
Subject: New RAI - RAI-SRP 9.5.1-SFPB-01

Paul,

The RAI below results from the 3/31/09 Fire Hazards Analysis and Multiple Spurious Actuations Audit held in the Westinghouse Twinbrook office on 3/31/09. Please acknowledge receipt and let me know ASAP if a phone conference will be needed.

RAI-SRP 9.5.1-SFPB-01

As noted in RG 1.189, Rev 1, the one-at-a-time assumption for spurious actuations may not adequately address the potential risk attributed to fire. As such, the AP1000 DCD should be revised in the next scheduled consistent with the following suggestions:

- In FSAR subsection 9A.2.7.1, replace "In addition, spurious actuations or signals resulting from the fire are postulated one at a time (except for high/low pressure interfaces)." with "In addition, multiple/simultaneous spurious actuations or signals resulting from the fire are postulated."
- In FSAR subsection 9A.3.7.1, replace "As discussed in subsection 9A.2.7.1, one spurious actuation or signal is postulated at a time (except for high-low pressure interfaces)." with "As discussed in subsection 9A.2.7.1, multiple/simultaneous spurious actuations or signals resulting from the fire are postulated."

Calculations/analyses addressing the consequences of multiple/simultaneous spurious actuations must demonstrate that the plant can achieve and maintain post-fire safe shutdown. The calculations/analyses should also be referenced in the DCD and be available for NRC staff review.

Thanks,

Perry Buckberg

Senior Project Manager
Nuclear Regulatory Commission
Office of New Reactors

phone: (301)415-1383
fax: (301)415-5397
perry.buckberg@nrc.gov

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From: Loza, Paul G.

Created By: lozapg@westinghouse.com

Recipients:

"Rhonda Butler" <Rhonda.Butler@nrc.gov>
Tracking Status: None
"Christopher Proctor" <Christopher.Proctor@nrc.gov>
Tracking Status: None
"Perry Buckberg" <Perry.Buckberg@nrc.gov>
Tracking Status: None

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